31.5.17.

NT BOOK

ensions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
Total Rs		9.67.708-00	
YT -		9677-00	
VAT -		93646-00	
cess -		9677-00	
CBF -		968-00	
LR -		10645-00	
Adj -		124613-00	
cheque -		843095-00	

I st And Final Bill — Work code - 005-17-000014
Est cost Rs - 40.00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book
No. B 352623

erial No. .....
me of Work ... Drilling & Borewell And Providing Pump And Motor
At Krishnanagara Vinayakanagara From ..... To ..... Adhyahara layout
me of Contractor of nature of Agency ... Kosile layout Dwarkanagara Nirmanhard
te of commencement of work ... Layout in Ward No. 05 Byatarayanapura Subdivision

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. - BBMP/EE/BTP/WO/14/2017-18.						
	Name & Contractor - Sri-H.V. Nagaraj. Kotha Cose. Bagepalli.						
	Geophysical investigation & Site for Sinking Borewell for Supplying Drinking Water to the habitation either through the hand Pump MWS & PWSS by vertical electrical Sounding by adopting Venner or Schlumberger sounding method including reconnaissance Survey & Geological formation Geophysical investigation & suggesting Ground water in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in the vicinity its quality and acceptability & the users indicating the location & size recommended depth & casing pipe required to seal the top encountered formation including an extra depth of 1.0 mtr in Consistent formation for proper sealing & casing pipe depth of pricing required to cover fore depth & diameter including transportation & instrument and accessories to drill & complete as per specification and direction & the Engineer incharge & the work.						
	① Vinayakanagara						
	1st main and cross.	1	-	-	-	1	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	② SLV Apart... Kattigenahalli
	③ Kaveri pum... 5th cross
	④ Kogilu pum... layout
	⑤ Ashraha... 18th cross

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
ality and acceptability of l location & size recommende uired to seal the top concrete extra depth of 1.0 mtr in Cover easing & Casing Pipe depth over free depth & admissible ment and accessories to w pecification and direction & work.				
–	–	–	1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 352624

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	② SLV Apartment Kattigenahalli	1	–	–	–	1	
	③ Kaveri Emporium 5th cross	1	–	–	–	1	
	④ Kogilu Gunikrishna Layout	1	–	–	–	1	
	⑤ Agrahara Layout 18th cross.	1	–	–	–	1	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑥ Marikandaiah Nagara :	1	-	-	-	1	
						6 Nos	
	Rate - 1882:00						11292:00
	② Sinking borewell 8165 m/m dia clear using Rotary hydraulic rig & Capacity 200 PSI & above CFM and above in all strata including over burden cut to size fixing & casing pipes covering bed cap with necessary casing threading cut welding including transport						

M. A. R
Meas

Serial No. .....
Name of Work ..... From....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	& rig and Supervising Consumables else. Compl level depth with a mi Serviceman (excluding ese..) with all lead and Charges else. Complete	
	0 to 50.00 MV	
	① Vinayakanagara 1st Main 2nd Cross	1

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
-	-	-	1	
			6 Nos	
				11292 : 00

s m/m dia clear using Super S
y 200 PSI & above CEM a
including over burden upto 2
Casing and cap with necessa
& welding including transpo

M. A. R. 57 (Rule 116)
Measurement Book

No. B 352625

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& rig and Supporting vehicle Crew Charges and Cost & Consumables etc.. Compressor including fuel testing as per actual depth WM a minimum working & Compressor for one hour (excluding Cost & Casing Pipes Coloring and Cap etc..) WM all Load and less Loading unloading and Casual Charges etc.. Compressor as per Specification..						
	0 to 50.000 M Dr						
	(1) Vinayakanagara 1st Main 2nd Cross	1	50.00	-	-	50.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Kuvempunagara 5 M cross	2	120.00	60.00	-	14400.00	
		1	360.00	25.00	-	9000.00	
	(4) Kogilu venkatrishna layout	2	120.00	60.00	-	14400.00	
	(5) Agrahara Layout 18 M cross	1	360.00	25.00	-	9000.00	
		2	120.00	60.00	-	14400.00	
	(6) Agrahara Layout 9 M cross	1	360.00	25.00	-	9000.00	
		2	120.00	60.00	-	14400.00	
	Rate : 0.32	1	360.00	25.00	-	9000.00	
						140400.00 Sqcm 449	

M. A
Me

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
(31)	Supplying and Delive loads 3ϕ 5 wires 1 AC combined energy me 600 V 450 V 200 A/m m and water proof The u Enclosure for Operati Supply with spring loa Bus should be Prov Cum control Panel B	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
00	60.00	-	14400.00	
00	25.00	-	9000.00	
	60.00	-	14400.00	
	25.00	-	9000.00	
	60.00	-	14400.00	
	25.00	-	9000.00	
	60.00	-	14400.00	
	25.00	-	9000.00	
			140400.00 Sqcm	44928

M. A. R. 57 (Rule 116)
Measurement Book

No. B 352646

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(31)	Supplying and Delivery At Site Brand new Star / Essem Ladis Seen Shine / Adonis / or Conroy best indigenious make Combined energy meter Cum Control Panel board size & size 600 x 450 x 200 mm minimum mechanically strong vermin and water proof The unit shall have two detachable doors Bridges for operation on 3 Ph 50 HZ 380 / 440 Volts AC Supply with spring loaded latch locking device complete Glass shall be provided the combined energy meter Cum control Panel board unit Bridges for operation the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Panel board shall be fabricated as single unit as the above components for suitable pump set 10HP to 20 HP Star Delta Starter with ammeter and with loading and unloading etc.. complete as per Specification						
	(1) Vinayakanagara 1st main 2nd cross	1	-	-	-	1	
	(2) SLV Apartment Kabbigerahalli	1	-	-	-	1	
	(3) Kuvempunagara 5th cross	1	-	-	-	1	
	(4) Kogilu muniyappa layouts	1	-	-	-	1	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	(5) Agrahara layout 18th cross	
	(6) Agrahara layout 9th cross	
	Rate - 11000 : 00	
	(32) Earth work Excavation depositing on bank and stacking bank protection as every	

BOOK

th	Depth 6	Contents 7	Reference to last Measurement 8
sed on Single unit			
ubmersible Pump Set			
with accessories and			
these as per Specification			
–		1	
–		1	
–		1	
–		1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 352647

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(5) Agraharalayout 18M cross	1	–	–	–	1	
	(6) Agraharalayout 9M road	1	–	–	–	1	
	Rate - 11000:00					6 Nos	66000-00
	(32) Earth work Excavation for Pipeline foundation including depositing or banking up to a depth of 3m in cutting strutting and stacking damper lighting and guard fire rails at running feet as every 100 mtrs whenever necessary as directed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in the following Structure manhole W.M. are lead wise leading unloading and Lasour Charges etc. Compute and as per the direction of the Engineer incharge the quan						
	As Per Pre-measurment recorded vide Page No. 352672 to 352673 in this MB.					211.50 M³	
	Page - 100 : 00						21150 : 00
(33)	Providing and installation as Size & Works PVC Pipe including Cost of Pipes and Specials and including Lowering into trenches laying these to line level and perfect fitting						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	as joints lead Pipe around to a released earth and wise leading to
	As Per Pre-M Page No. 3526
	Page - 40 : 00

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
manhole W M are load and down Charges etc.. Compute Engineer incharge the same recorded vide Page No. in this MB. 211.50 M 21150:00			
& Size & Works Puc Pipe erials and including lowering ne Level and Remove Excess			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

352648

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	as joints leave Pipe around to a depth not less than 15cm with granel or selected earth available from the excavation W M all load and W/S loading unloading and Lorry Charges etc. Compute As per Pre-measurment recorded vide Page No. 352673 to 352675 Page - 40:00	Proof including	joining encasing the			in this MB. 470.00 M/r 18800:00	

S.D.M. C.T.R.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(34)	Refilling the surrount and Pipeline trenches with selected available earth for trench excavation including ramming & consolidating condition in layers from suitable including disposal of the surplus earth with a heavy 200 mm, with all lead and lift loading unloading and taking charges etc.. complete and as per the direction of the Engineer in charge of the work.						
	Quantity vide item no. (32)					211.50	3 M
	Rate · 10:00						2115:00

Serial No. ..... From.
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(33)	Providing and Spreading with CI wheel & 50 mm nominal size and from & as per Specification unloading and Per the direction & E	
	(1)	

ENT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
			Pipeline trenches with Excavation including from their including Earth work a heavy 200 mm ... reloading and Lagoon ... the direction ... Engineer.	
			m no. (32)	
			211.50 m³	
			2115:00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

352649

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(33)	Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore including cost of all necessary castings and work & equipments with all lead complete as per Specification with all cartage and lifting loading and unloading and castings charges etc. complete and as per the direction of Engineer incharge of the work.						
(1)		2	-	-	-	2	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/FC	3	-	-	-	3	
		2	-	-	-	2	
		1	-	-	-	1	
						8 Nos	4016:00
	BESCOM Deposit charge						
	Application charge (Receipt Attached)					4 x 100:00	400:00
	Meter charge (Candles and Grs Limited)					4 x 1730:00	6920:00
	Meter Deposit					1 x 12240:00	12240:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Verified By
	Certificate

T BOOK

sions			
Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	-	3	
	-	2	
	-	1	
		8 Nos	
Height change			4016·00
Attached)		4 × 100·00	400·00
Lintel)		4 × 1730·00	6920·00
		1 × 12240·00	12240·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

352650

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					3 ×	14280·00	42840·00
					Total Rs -		3998701·00

Verified
30/1

Certificate -

① Certified that the work done as is given above

② This bill Amount has not been claimed in any of previous bills

3/01/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿಬಿಎಂಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs. 39,98,551-00	
						IT- 39986=00	
						Cess 39986=00	
						CBF- 3999-00	
						Addn: 83971-00	
						Cheque: 39,14,580-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 39.98.551-00

ಗಣಕೀಕೃತ ಪಾವತಿ ಮಾಡಿದ ಇಷ್ಟರಲ್ಲಿ ರೂ 83971-00

ಸಂದಾಯವಾಗಿ ಪಡೆದುಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 39,14,580-00

Rs. Thirteen Lakh fourteen Thousand five hundred eighty only.

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 30/01

ವ್ಯವಸ್ಥಾಪಕರು ಪಿಡಬ್ಲ್ಯೂಡಿ 30/01

ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ. ಮುದ್ರಾ

30/01

2617 IInd

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency

Date of commencement of work .....

Date	Full description, etc, of work
1	2